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ABSTRACT

This document is a guide to resources supporting the development of educational standards for students. Section 1, Industry Skill Standards, describes and provides contact information of resources on the efforts of the National Skill Standards Board to develop industry skill standards for all sectors of the American economy. The section addresses these topics: the board's current efforts in the development of voluntary partnerships in 16 broad economic sectors; grants to industry and research groups to further develop and demonstrate how skill standards would be used in specific industries and occupations; and building linkages with both academic standards and school-to-work efforts. Section 2, Academic Skill Standards, provides names and contact information for seven national organizations in the process of developing and adopting national standards in academic subject areas. Section 3, Other Standards Resources, provides names, contact information, and brief descriptions of 20 organizations involved in developing standards, both academic and vocational. Section 4, Standards for Teachers, discusses and provides contact information for three organizations that have developed standards for teacher licensing, advanced certification, and teacher education program accreditation. Section 5, Vocational Student Organizations (VSOs), describes and provides contact information on seven VSOs. Section 6 contains 11 references. (YLB)

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National Center for Research in Vocational Education

University of California, Berkeley

RESOURCE GUIDE TO EDUCATIONAL STANDARDS

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RESOURCE GUIDE TO EDUCATIONAL STANDARDS

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Public Works

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RESOURCE GUIDE TO EDUCATIONAL STANDARDS

This document has been prepared by the National Center for Research in Vocational Education (NCRVE) as a guide to resources supporting the development of educational standards for students. Standards for what all students should know and be able to do have become a hallmark of educational reform that spans knowledge of academic subject areas, general workforce preparation competencies, and more specific industry and occupational qualifications.

Beginning in the 1980s, evidence that American students lagged far behind the academic performance and workforce preparation of students in other nations generated a national clamor for change that resulted in sustained efforts to improve public education at the local, state, and national levels. Despite the wide range of approaches to improve education attempted during this time, there was little indication that student learning had improved substantially, if at all, in national assessments taken after this initial wave of education reform. Studies of the reform efforts indicated that most states had attempted to improve student performance by mandating additional rules and regulations on top of an already overburdened system. Legislatures increased the number of school days, required additional academic courses for graduation, and tightened licensing requirements for teachers. The introduction of various pieces of legislation essentially mandated regulatory change rather than supporting instructional and curricular improvements that were directly tied to improving the learning of all students.

In the early 1990s, the lack of improvement in student achievement fueled a growing consensus around the need for change at all levels of the educational delivery system and for developing a common understanding of the level of academic achievement that students would need in an advanced, technology driven society. This reform movement was termed 'systemic' and is an approach to reform that centers around setting higher standards for students, teachers, and schools and developing accountability systems to monitor whether these standards are being met. Another element of 'systemic' reform is to allow schools some freedom from rules and regulations that can hamper principals, teachers, and other school staff from focusing on innovative instructional strategies and developing challenging curriculum to meet the individual needs of students.



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Since the introduction of 'systemic' reform, standards for students have been introduced by a wide range of organizations and all states except one. These organizations include national subject matter specialists such as the National Council of Teachers of Math, national commissions appointed by the federal government such as the Secretary's Commission on Achieving Necessary Skills (SCANS), and industry groups like the Council on Hotel, Restaurant, and Institutional Education's hospitality and tourism standards. This document serves as a resource guide to the wide range of efforts currently under way to define the essential skills and competencies that Americans will need now and in the future. It includes:

- Section 1-Industry Skill Standards. Resources on the efforts of the National Skill Standards Board to develop industry skill standards for all sectors of the American economy.
- Section 2-Academic Skill Standards. National organizations in the process of developing and adopting national standards in academic subject areas.
- Section 3-Other Standards Resources. Organizations involved in developing standards, both academic and vocational.
- Section 4–Standards for Teachers. Organizations that have developed standards for teacher licensing, advanced certification, and teacher education program accreditation.
- Section 5-Vocational Student Organizations. Organizations such as VICA, HOSA, and others.
- Section 6–Bibliography.

This document is available on the NCRVE web site at http://ncrve.berkeley.edu. Other vocational sources can also be found through the Office of Adult and Vocational Education web site (http://www.ed.gov/offices/OVAE).



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Section 1 INDUSTRY SKILL STANDARDS

National Skill Standards Board

http://www.nssb.org

Edie West, Executive Director

1441 L Street, NW, Suite 9000, Washington, DC 20005-3512

phone: 202-254-8628, fax: 202-254-8646

In 1992 and 1993, the U.S. Department of Labor entered into agreements with 22 organizations representing various industries to develop pilot projects demonstrating an approach to setting voluntary standards. The National Skill Standards Act of 1994 established the National Skill Standards Board as a coordinating board for developing a national voluntary skill standards system. The Board includes 28 independent representatives of business, labor, and education and as well as civic leaders from the Commerce Department, the Department of Labor, and the Department of Education. The Board's current efforts include the development of voluntary partnerships in 16 broad economic sectors (three have been sponsored to date), grants to industry and research groups to further develop and demonstrate how skill standards would be used in specific industries and occupations (nine grants were awarded in 1996 to twelve groups), and building linkages with both academic standards and school-to-work efforts.

Voluntary Partnerships-NSSB Contact: Sally Waldron

The NSSB will sponsor voluntary partnerships in each of 16 economic sectors. The Board has begun its work in three of these sectors: Manufacturing, Installation, and Repair; Wholesale/Retail Sales; and Business and Administrative Services.

| NSSB Economic Sectors: | | |
|--|--|---|
| ◆ Agricultural Production and Natural Resource Management | Mining and Extracting Operations | ◆ Construction Operations |
| Manufacturing, Installation, and Repair | • Energy and Utility Operations | ◆ Transportation Operations |
| ◆ Communications | ♦ Wholesale/Retail Sales | Hospitality and Tourism Services |
| ◆ Financial Services | Health and Social Services | Public Administration, Legal, and Protective Services |
| ◆ Education and Training Services | Business and Administrative Services | Property Management and Building Maintenance Services |
| Research, Development and Technical Services | | |



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Grants to Industry and Research Groups-Project Contacts Listed Below

Following up on the work of the initial 22 organizations funded in 1992 and 1993, the NSSB awarded nine grants to 12 industry and research groups to further develop skill standards in specific industries and occupations. These grants support efforts to test how standards might be implemented in the workplace, develop guidelines for assessment and certification, assist in the development of curriculum and teaching guidelines for the standards, and build partnerships among constituencies for implementation of a voluntary skill standard system. (full text of industry standards in all 22 areas and descriptions of each project are available on the NSSB web site)

Bioscience (EDC in collaboration with the National Future Farmers of America Foundation)

Judith Leff, Senior Project Director Education Development Center (EDC), 55 Chapel Street, Newton, MA 02158 phone: 617-969-7100, fax: 617-332-4318, email: judyl@edc.org

Health Care

Sri Ananda, Project Director WestEd, 730 Harrison Street, San Francisco, CA 94107-1242 phone: 415-241-2712, fax: 415-241-2702, email: sananda@fwl.org

Human Services

Marianne Taylor, Project Director Human Services Research Institute (HSRI), 2336 Massachusetts Avenue Cambridge, MA 02140 phone: 617-876-0426, fax: 617-492-7401, email: marianne@hsri.org

Chemical Process

Kenneth Chapman, Head of Technicians Resources/Education American Chemical Society (ACS), 1155 16th Street, NW, Washington, DC 20036 phone: 202-872-8734, fax: 202-872-8068, email: kmc97@acs.org

Heavy Highway Construction

John Tippie, Associate Director for Western U.S. & Canada Laborers-AGC Education and Training Fund, P.O. Box 479, 27055 Ohio Avenue Kingston, WA 98346 phone: 360-297-4152, fax: 360-297-3368, email: 71112.1275@compuserve.com

Photonics (CORD and the Electronics Industries Foundation/Electronics Industries Association)

Darrell Hull, Project Director Center for Occupational Research and Development (CORD) 601 Lake Air Drive, Waco, TX 76710 phone: 817-772-8756 or 800-972-2766, email: dhull@cord.org



Electronics

Andrea Fiorelli, Grant Project Manager, Center for Workforce Excellence, American Electronics Association 5201 Great America Parkway, Box 54990, Santa Clara, CA 95056 phone: 800-284-4232 or 408-987-4241 (direct line), email: andrea_fiorelli@aeanet.org

or Pat Hill Hubbard, Senior VP for Executive Development (408-987-4242)

Hospitality & Tourism

Susan Dowler, Project Director Council on Hotel, Restaurant and Institutional Education (CHRIE) 1200 17th Street, NW, Washington, DC 20036-3097 phone: 202-331-5990, fax: 202-785-2511, email: alliance@access.digex.net

Retail Trade

Kathryn J. Mannes, Education Coordinator National Retail Federation (NRF) Liberty Place, 325 7th Street NW, Suite 1000, Washington, DC 20004 phone: 202-783-7971, 202-626-8110 (direct line), fax: 202-737-2849

Other Occupational Skill Standards Projects available on the NSSB web site: Advanced High Performance Manufacturing; Agriscience Biotechnology; Air Conditioning, Heating, and Refrigeration; Automobile, Autobody, Medium/Heavy Truck Technician; Computer Aided Drafting and Design; Electrical Construction; Electronics; Grocery; Hazardous Materials Management Technology; Industrial Laundry; Metal Working; Printing; and Welding

State Skill Standards Initiatives available from the NSSB web site include links to: Alabama, California, Colorado, Illinois, Iowa, Louisiana, New Hampshire, Oregon, Tennessee, Texas, Vermont, and Washington

Skill Standards Ordering Information

Skill standards in all twenty two areas can be ordered from the following organizations. Many of the organizations are also developing instructional guides and information about assessments that will be implemented to certify students skills. A web site listing of skill standard projects is also available at http://vocserve.berkeley.edu/skillstandard.html



| Skill Standards Organization Information | Ordering Information |
|--|--|
| Advanced High Performance Manufacturing National Coalition for Advanced Manufacturing (NACFAM) 1331 Pennsylvania Avenue NW Suite 1410 North Washington, DC 20004 Tel: 202-216-2740 Fax: 202-289-7618 | Contact organization or find ordering information on web site: http://www.bmpcoe.org/nacfam/ |
| Agriscience Biotechnology National FFA Foundation P.O. Box 15160 Alexandria, VA 22309-0160 Tel: 703-360-3600 Fax: 703-360-5524 | Contact organization for ordering information |
| Air Conditioning, Heating, and Refrigeration V-TECS, Southern Association of Colleges and Schools 1866 Southern Lane Decatur, GA 30033-4097 Tel: 800-248-7701 Fax: 404-679-4556 | Contact organization for ordering information |
| Automobile, Autobody, Medium/Heavy Truck Technician National Automotive Technicians Education Foundation (NATEF) 13505 Dulles Technology Drive, Suite 2 Herndon, VA 22071-3421 Tel: 703-713-0100 Fax: 703-713-0727 | Contact organization for ordering information |
| Bioscience Bioscience Industry Skills Project 55 Chapel Street Newton, MA 02158-1060 Tel: 617-969-7101 Fax: 617-332-4318 | Contact the Education Development Center, P.O. Box 1020 Sewickley, PA 15143-1020 Tel: 800-793-5076 Fax: 412-741-0609 |
| Chemical Process Technicians Resources/Education American Chemical Society 1155 16 th Street NW Washington, DC 20036 Tel: 202-872-8734 Fax: 202-872-8068 | Contact organization at 800-227-9919 for ordering information |
| Computer Aided Drafting and Design (CADD) National Coalition for Advanced Manufacturing (NACFAM) 1331 Pennsylvania Avenue NW Suite 1410 North Washington, DC 20004 Tel: 202-216-2740 Fax: 202-289-7618 | Contact organization or find ordering information on web site: http://www.bmpcoe.org/nacfam/ |



| Skill Standards Organization Information | Ordering Information |
|---|--|
| Electrical Construction National Electrical Contractors Association (NECA) 3 Bethesda Metro Center Suite 1100 Bethesda, MD 20814 Tel: 301-215-4512 Fax: 301-215-4500 | Contact organization for ordering information. Fax credit card orders to: 301-215-4545 |
| Electronics American Electronics Association 5201 Great America Parkway Box 54990 Santa Clara, CA 95056 Tel: 800-284-4232 | Contact organization for ordering information |
| Electronics Technicians Electronic Industries Association/CEMA 2500 Wilson Blvd. Arlington, VA 22201-3834 Tel: 703-907-7670 | Order from the Consumer Electronics Manufacturers Association/CEMA-EIF Department 287 Washington, DC 20055 Tel: 703-907-7670 Fax: 703-907-7968 |
| Grocery Grocers Research and Education Foundation (GREF) 1825 Samuel Morse Drive Reston, VA 22090 Tel: 703-437-5300 Fax: 703-437-7768 | Contact organization for ordering information |
| Hazardous Material Management Technology Center for Occupational Research and Development (CORD) 601 Lake Air Drive Waco, TX 76710 Tel: 817-772-8756 Fax: 817-772-8972 | Contact CORD Communications for ordering information at 800-231-3015, P.O. Box 21206, Waco, TX 76702-1206 (order reference is HAZMAT-IMP-GD) |
| Health Care WestEd 730 Harrison Street San Francisco, CA 94107-1242 Tel: 415-241-2712 Fax: 415-241-2702 | Contact Publications at WestEd Tel: 415-565-3044 Fax: 415-565-3012 |
| Heavy Highway Construction Laborers-AGC Education and Training Fund P.O. Box 479 27055 Kingston, WA 98346 Tel: 360-297-4152 Fax: 360-297-3368 | Contact organization for ordering information |
| Hospitality and Tourism Council on Hotel, Restaurant and Institutional Education (CHRIE) 1200 17 th Street, NW Washington, DC 20036-3097 Tel: 202-331-5990 Fax: 202-785-2511 | Contact organization for ordering information |



| Skill Standards Organization Information | Ordering Information |
|--|--|
| Human Services Human Services Research Institute 2336 Massachusetts Avenue Cambridge, MA 02140 Tel: 617-876-0426 Fax: 617-492-7401 | Contact the organization for ordering information. Orders can be faxed to 617-492-7401. |
| Industrial Laundry Uniform and Textile Service Association 1300 North 17 th Street, Suite 750 Rosslyn, VA 22209 Tel: 703-247-2608 Fax: 703-841-4750 | Contact organization for ordering information |
| Metalworking National Institute for Metal Working Skills 2209 Hunter Mill Road Vienna, VA 22181 Tel: 703-255-5886 Fax: 703-938-4342 | Contact organization or find ordering information on web site: http://www.nims-skills.org/ |
| Photonics Center for Occupational Research and Development 601 Lake Air Drive Waco, TX 76710 Tel: 817-772-8756 or 800-972-2766 | Contact organization for ordering information |
| Printing National Council for Skill Standards in Graphic Communications 206 Lafayette Center Kennebunk, ME 04043 Tel: 207-985-9898 Fax: 207-985-6347 | Contact the order department Graphic Arts Technical Foundation 200 Deer Run Road Sewickley, PA 15143-2328 Tel: 412-741-6860, 800-910-4283 Fax: 412-741-2311 |
| Retail Trade National Retail Federation Liberty Place 325 7 th Street NW Suite 1000 Washington, DC 20004 Tel: 202-783-7971 Fax: 202-737-2849 | Contact the organization for ordering information at 800-NRF-HOW2, attention Publications |
| Welding American Welding Society 550 NW LeJeune Road Miami, FL 33126 Tel: 305-443-9353 Fax: 305-443-7559 | Contact the organization for ordering information at 800-334-9353 or at their web site http://www.aws.org |

Building Linkages Project-NSSB Contact: Laura Pfalzer

In collaboration with the U.S. Department of Education's Office of Vocational and Adult Education and the National School-to-Work Opportunities Office, the NSSB is sponsoring a project to coordinate skill standards with both academic standards and school-to-work efforts. For this initiative, groups of school-to-work implementation states have joined



together in consortia to explore the integration of academic and industry-based skill standards with the state career pathway systems. Each consortium will develop materials for educators and employers, multiple assessments, and certification recommendations.

Consortium I: Health Care

State Lead: Utah, State Office of Education (in conjunction with New Jersey)

Contact: Mr. Scott Hess, School-to-Work Coordinator, 801-538-7850

Other states: Arizona, California, Colorado, Florida, Iowa, Kansas, Maine, Maryland,

Massachusetts, Michigan, New York, New Jersey, North Carolina,

Oklahoma, Tennessee, Texas, Utah, and West Virginia (others may have

joined, information from the 1996 NSSB Report to Congress)

Consortium II: Manufacturing

State Lead: Indiana, Department of Workforce Development

Contact: Terry Fields, 317-232-1829

Web site: http://www.mfglinks.org

Other states: Arizona, Hawaii, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan,

Nebraska, Oklahoma, and Pennsylvania (others may have joined,

information from the 1996 NSSB Report to Congress)

Consortium III: Business/Management

State Lead: Oregon Workforce Quality Council

Contact: Sharon McFarland, Project Director, Far West States Standards Project,

503-391-7430

Other states: California, Oregon, Washington, and Indiana



Section 2 ACADEMIC SKILL STANDARDS

Frameworks for standards by academic discipline have been developed by a variety of national organizations and have begun to define what students should be able to master at different grade levels or grade clusters. Information about the standards and, in most cases, the standards developed by each of the following organizations are available on their web sites.

National Council of Teachers of Mathematics (NCTM)

1906 Association Drive, Reston, VA 20191-1593

phone: 703-620-9840, fax: 703-476-2970

http://www.nctm.org

National Academy of Sciences, National Research Council (NAS)

2102 Constitution Avenue, NW, Washington, DC 20418

phone: 202-334-2000

http://www.nas.edu/nrc

National Council of Teachers of English (NCTE)

1111 West Kenyon Road, Urbana, IL, 61801

phone: 217-328-3870 or 800-369-6283, fax: 217-328-9645

http://www.ncte.org

International Reading Association

http://www.reading.org

National Council for the Social Studies (NCSS)

3501 Newark Street, NW, Washington, DC 20016

phone: 800-653-0812 (publications)

http://www.ncss.org

National Center for History in the Schools, UCLA (310-825-8388)

Center for Civic Education

5146 Douglas Fir Road, Calabassas, CA 91302-1467

phone: 818-591-9321, fax: 818-591-9330

http://www.civiced.org



Section 3 OTHER STANDARDS RESOURCES

U.S. Department of Labor

Employment and Training Administration
O*NET The Occupational Information Network
Training Technology Resource Center

http://www.dol.gov http://doleta.gov

http://www.ttrc.doleta.gov

U.S. Department of Education

Goals 2000 Academic & Skill Standards http://www.ed.gov http://www.ed.gov/G2K http://www.ed.gov/G2K/standard.html

National School-to-Work Office

http://www.stw.ed.gov

400 Virginia Avenue SW, Room 210, Washington, DC 20024

phone: 202-401-6222 or 800-251-7236

National Education Goals Panel

http://www.negp.gov

1255 22nd Street, NW Suite 502, Washington, DC 20027

fax: 202-632-0957 or 202-632-1032

The National Education Goals Panel (NEGP) is an independent executive branch agency of the federal government created in July, 1990 by the Goals 2000: Educate America Act. The Panel is a bipartisan body that includes eight governors, four members of Congress, four state legislators, and two administration officials. In addition to reporting on national and state progress toward the National Education Goals, the Panel has sponsored an initiative called Goals 3-4-5 Implementation that focuses on student achievement, teacher education and training, and high achievement in math and science. The Panel has formed an advisory group, commissioned papers to examine progress toward implementation, and formed partnerships with organizations nationwide. Additional information about this project, the commissioned papers, and links to the partnership organizations are available on the NEGP web site.

National PTA

http://www.pta.org

phone: 312-670-6782

The National PTA has worked with National Education Goals Panel to develop Parent Involvement Standards.

Eisenhower National Clearinghouse for Mathematics and Science Education phone: 800-362-4448 (catalog) http://www.enc.org

The Office of Educational Research and Improvement's clearinghouse for K-12 curriculum materials and resource in mathematics and science education.

Developing Educational Standards http://putwest.boces.org/standards.html An annotated list of Internet sites with K-12 educational standards maintained by the Putnam Valley Schools, Putnam, NY. This site includes a thorough selection of standards related websites and is sorted by government agencies, organizations, newspapers, magazines, and standards and frameworks by subject area and by state.

New Standards Project

http://www.ncee.org

A joint project of the National Center on Education and the Economy, a non-profit in Washington, DC and the University of Pittsburgh's Learning Research and Development



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Skill Standards Resources Page 11

Center to develop an internationally benchmarked system of standards for English/language arts, math, science, and applied learning at the elementary, middle, and high school levels.

International Society for Technology in Education (ISTE)

1787 Agate Street, Eugene, OR 97403-1923

http://www.iste.org

phone: 541-346-4414, fax: 541-346-5890

A teacher-based nonprofit organization in the field of education technology whose mission is to help K-12 classroom teachers and administrators share effective methods for enhancing student learning through the use of new classroom technologies. ISTE recently released a set of national standards for student technology skills which includes a list of competencies that student should develop by the time they enter grades 2, 5, 8, and 12.

Learning First Alliance

http://www.learningfirst.org

An alliance of major national educational organizations dedicated to improving student learning in America's public schools. The Alliance's goals include ensuring that high academic expectations are held for all students, ensuring a positive and supportive place of learning for all students, and engaging parents and community members in helping students achieve high academic expectations.

Institute for Educational Leadership

http://www.iel.org

1001 Connecticut Avenue NW, Suite 310, Washington, DC 20036

phone: 202-822-8405, fax: 202-872-4050

IEL's mission is to improve individual lives and society by strengthening educational opportunities for children and youth.

Vocational Technical Education Consortium of the States (V-TECS)

1866 Southern Lane, Decatur, GA 30033 http://www.mindspring.com/~vtecs/

phone: 404-679-4501, ext. 543 or 800-248-7701, fax: 404-679-4556

Develops industry guides and curriculum frameworks, standards, and assessment components based on the requirements of industry. V-TECS has published skill standards for Administrative Support Occupations and Heating, Air-conditioning, and Refrigeration Technicians.

Integrated System for Workforce Education Curricula (ISWEC)

Center for Occupational Research and Development (CORD)
Walt Edling http://www.cord.org/iswec/iswec.htm

601 Lake Air Drive, Waco, TX 76710-5841

phone: 800-972-2766 email: wedling@cord.org

A collaborative project with CORD and many states to develop a system of integrated curricula and teaching methods including career clusters, standards, assessment, and an integrated curriculum framework. CORD also sponsors the National Tech Prep Network (http://www.cord.org/ntpn.htm) and the Tech Prep/School-to-Work Index and Improvement Program, an evaluation program developed with the Gallup Organization as a tool for local and regional Tech Prep and School-to-Work leaders to use in identifying and evaluating components of a successful program or system. (http://www.cord.org/stw1.htm).



SCANS2000 Program

http://infinia.wpmc.jhu.edu

Arnold Packer

Johns Hopkins University Institute for Policy Studies

Wyman Park Building, 5th Floor, 3400 North Charles Street, Baltimore, MD 21218

fax: 410-516-4775

Interdisciplinary research group with projects related to school-to-work and education reform. Programs include SCANS and Assessment, SCANS and the Arts, SCANS and Math Education, SCANS and Community Colleges, SCANS and Middle Schools, SCANS and Work-based Learning, and SCANS and Standards (WorkPlus Certificate).

Council of Chief State School Officers http://www.ccsso.org State Collaborative on Assessment and Student Standards (SCASS)

Edward Roever

One Massachusetts Avenue, NW, Suite 700, Washington, DC 20001-1431

phone: 202-408-5505

The CCSSO is sponsoring a project designed to assist states as they develop student standards and assessments. The project supports an assessment consortium where state curriculum, assessment, and content specialists develop frameworks in various content areas (currently literacy, the arts, guidelines for performance assessment, and workplace readiness). The project also supports the development of standards and assessments through pooled resources and effort among consortium states and will be linked to national standards in each area.

National Governors Association

http://www.nga.org http://www.nga.org/CBP/

Center for Best Practices (Workforce Development)
Employment and Social Services Division

Evelyn Ganzglass

444 North Capitol Street, Suite 267, Washington, DC 20001-1512

phone: 202-624-5400

The Employment and Social Services Division works with states to identify, share, and implement best practices in their welfare and workforce development systems. The web site includes information about these programs and access to various NGA publications.

Achieve, Inc.

http://www.achieve.org

Achieve is a non-profit organization whose mission is to assist Governors and business leaders in their efforts to improve student achievement to world class levels through the development and implementation of high academic standards, assessments, and accountability systems and the effective use of technology to achieve standards. The organization's web site supports a National Clearinghouse database for researching standards-based education reform which includes statements of educational standards produced by states and national professional organizations.

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American Vocational Association

http://www.avaonline.org

1410 King Street, Alexandria, VA 22314

phone: 800-826-9972



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National Center for Research in Vocational Education, Institute on Education and the Economy, Teachers College, Columbia University
Tom Bailey, phone: 212-678-3091 http://www.tc.columbia.edu/~iee

Center for Research on Evaluation, Standards, and Student Testing (CRESST) http://www.cse.ucla.edu

University of California at Los Angeles, 1339 Moore Hall, 405 Hilgard Avenue,

Los Angeles, CA 90024 phone: 310-206-1530

An Office of Educational Research and Improvement-sponsored consortium that works with state and local partners in providing information about improving assessment and instructional practices.



Section 4 STANDARDS FOR TEACHERS

Teacher Licensing and Professional Development

Council of Chief State School Officers http://www.ccsso.org/intasc.html Interstate New Teacher Assessment and Support Consortium (INTASC)

Jean Miller, Director

One Massachusetts Avenue, NW, Suite 700, Washington, DC 20001-1431

phone: 202-336-7048

ÎNTASC is a consortium of state education agencies, higher education institutions, and national educational organizations dedicated to the reform of the education, licensing, and on-going professional development of teachers. Created in 1987, INTASC's primary constituency is state education agencies responsible for teaching licensing and professional development. The consortium's mission is to promote standards-based reform through the development of model standards and assessments for beginning teachers.

<u>Certification of Advanced Teaching Skill and Accomplishment</u> National Board for Professional Teaching Standards (NBPTS)

26555 Evergreen Road, Suite 400, Southfield, MI 48076 http://www.nbpts.org

phone: 248-351-4444, fax: 298-351-4170

NBPTS is an independent, nonprofit, nonpartisan organization governed by a 63 member board of directors whose mission is to establish high and rigorous standards for what accomplished teachers should know and be able to do; to develop and operate a national, voluntary system to assess and certify teacher who meet these standards; and to advance related education reforms for the purpose of improving student learning in American schools.

Accreditation of Schools, Colleges, and Departments of Education

National Council for Accreditation of Teacher Education 2010 Massachusetts Avenue NW, Suite 500, ht

http://www.ncate.org

Washington, DC 20036-1023

phone: 202-466-7496, fax: 202-296-6620

NCATE is a coalition of 33 specialty professional associations of teachers, teacher educators, content specialists, and local and state policy makers which through the process of professional standards-based accreditation of schools, colleges, and departments of education works to ensure the quality of teaching and teacher preparation. NCATE supports a State Relations Initiative to provide several ways for the organization to collaborate with the States. NCATE has 41 partnerships with states to conduct joint reviews of schools of education. A State Partnership Directory is provided on the organization's web site.



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Section 5 VOCATIONAL STUDENT ORGANIZATIONS

DECA http://www.deca.org

1908 Association Drive, Reston, VA 20191-1594

phone: 703-860-5000, fax: 703-860-4013

A national association of marketing students that provides teachers and members with educational and leadership development activities to merge with the education classroom instructional program.

Technology Student Association (TSA) ht

http://www.tsawww.org

1914 Association Drive, Reston, VA 20191-1538

phone: 703-860-9000, fax: 703-758-4852

A national association of elementary, middle, and high school technology education students.

FHA/HERO http://www.fhahero.org

1910 Association Drive, Reston, VA 20191-1584

phone: 703-476-4900, fax: 800-636-8646

A national association with 230,000 members whose goal is to build strong leaders in family, career, and community.

National FFA http://www.ffa.org

6060 FFA Drive, Indianapolis, IN 46268-0960 phone: 317-802-6060, fax: 317-802-6061

A national association with 450,000 members who are developing leadership, personal growth, and career success through agricultural education. The web site also includes links to other organizations including http://www.agriculture.com which includes a Teachers Workroom and the National Association of Agricultural Educators (http://www.naae.org).

Vocational Industrial Clubs of America (VICA) http://www.vica.org

P.O. Box 3000, Leesburg, VA 20177-0300 phone: 703-777-8810, fax: 703-777-8999

A national organization serving nearly 250,000 high school and college students and professional members who are enrolled in training programs in technical, skilled, and service occupations, including health occupations. Web site includes links to the *Skills USA Championships*.

Future Business Leaders of America-Phi Beta Lambda (FBLA-PBL)

1912 Association Drive, Reston, VA 20191-1591 http://www.fbla-pbl.org

A national organization of students to develop leadership in business, government, and communities. Web site also includes links to the National Business Education Association (http://nbea.org) and the Business Professionals of America (http://www.bpa.org).



Health Occupations Students of America (HOSA) http://www.hosa.org 6021 Morriss Road, Suite 110, Flower Mound, TX 75028 phone: 800-321-HOSA, fax: 972-874-0063

A national association of vocational students whose mission is to promote career opportunities in the health care industry and to enhance the delivery of quality health care to all people.



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